Subject: How do you run DOS programs?
Posted by DallasCHVN on Tue, 15 Dec 2015 18:07:44 GMT
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Many of us use VMware or Dosbox, but some of us run DOS on real hardware. I was running
FreeDOS 1.1 on an IBM ThinkCentre designed for Windows XP. How do you run DOS
programs?

Subject: Re: How do you run DOS programs?
Posted by tienkhoanguyen on Tue, 15 Dec 2015 19:13:20 GMT
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DallasCHVN wrote on Tue, 15 December 2015 18:07Many of us use VMware or Dosbox, but
some of us run DOS on real hardware. I was running FreeDOS 1.1 on an IBM ThinkCentre
designed for Windows XP. How do you run DOS programs?

Jesus Christ!

Well I've heard of a few softwares where there are speed slow downs for modern systems. In
other cases I've had experiences with experimenting with slow downs for my own softwares. That
takes additional programming.

If you've ever heard of WWW.DOSGAMES.COM they have an extensive amount of help on
running on DOSBox.

I prefer DOSBox 0.74 since it has been used with my controllers and the sound works in there.

To answer the question directly usually you would just type the name of the DOS program.

Thank you!!!

Subject: Re: How do you run DOS programs?
Posted by DallasCHVN on Tue, 15 Dec 2015 19:18:30 GMT
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Yeah, Virtualbox and dosbox have given me some trouble on older hardware

Subject: Re: How do you run DOS programs?
Posted by tienkhoanguyen on Tue, 15 Dec 2015 20:39:36 GMT
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I see. I suggest on older hardware to see if you can find a 25mhz hardware. DOSBox 0.74 at
3000 cycles for all of my games are at 3000 cycles. According to my research and calibration
3000 cycles is close to 25mhz. So if you run on old hardware you should buy one that is that

speed and have true MS-DOS installed on there for my games.

Subject: Re: How do you run DOS programs?
Posted by DallasCHVN on Wed, 16 Dec 2015 00:38:29 GMT
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I'll try that

Subject: Re: How do you run DOS programs?
Posted by tienkhoanguyen on Wed, 16 Dec 2015 06:56:54 GMT
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Jesus Christ! Real hardware is cool. I have MS-DOS 6.22 on my VirtualBox on Windows 10. So I think I'll start developing in MS-DOS 6.22 except I might have a timing issue since VirtualBox might not calibrate it correctly. However, I'll think of a way to develop games that are not timing sensitive. For instance math problems and such doesn't require timing.

Subject: Re: How do you run DOS programs?
Posted by tienkhoanguyen on Wed, 16 Dec 2015 07:13:48 GMT
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Jesus Christ!

Since I'm producing for real MS-DOS 6.22 now it should be compatible for all DOS emulators especially the real hardware.

Subject: Re: How do you run DOS programs?
Posted by meagain on Thu, 17 Dec 2015 14:53:04 GMT
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DOSBox is unbeatable really for pure DOS but once you get trying to run Windows on it you would be better off just using VirtualBox.
PCEM might be fun to try too.
Real hardware? I vaguely remember using a Windows 95 Thinkpad in the past but nothing DOS-based. The most time I've spent with DOS was when I got it running on a Raspberry Pi.

On a side note, installing DOS in QEMU isn't too difficult either. I had to do this to get it running on my site (Windows 3.1 in the end, but can exit to DOS) and it was relatively painless. QEMU Manager is possibly the buggiest piece of software ever written though, so I resorted to the command line.

- meagain

Subject: Re: How do you run DOS programs?
Posted by vetus@vetusware.com on Thu, 17 Dec 2015 15:56:03 GMT
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meagain wrote on Thu, 17 December 2015 17:53
On a side note, installing DOS in QEMU isn't too difficult either. I had to do this to get it running on my site (Windows 3.1 in the end, but can exit to DOS) and it was relatively painless. QEMU Manager is possibly the buggiest piece of software ever written though, so I resorted to the command line.

I've played with qemu/kvm last weekend but I've found that it does not support old network cards like NE2000 anymore, so it's impossible to get networked DOS on it...
Do you have different experience with it?

Subject: Re: How do you run DOS programs?
Posted by meagain on Thu, 17 Dec 2015 16:05:39 GMT
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Well...

I use QEMU / KVM to power the remote VMs on my site. Currently they are set to disable the network controller to prevent abuse, but sometimes when I need to upgrade the software etc I renable the network card and on Win95/98 at least it just needs the default drivers from the Windows CDROM.
Not sure about DOS but I found this: link which looks as if it might work.

PCEM / PCEM-X might be a good option too.

- meagain

Subject: Re: How do you run DOS programs?
Posted by DallasCHVN on Thu, 17 Dec 2015 16:12:17 GMT
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My favorite emulator is Virtual PC 2007 because it supports DOS and Windows better than VirtualBox

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Subject: Re: How do you run DOS programs?
Posted by meagain on Thu, 17 Dec 2015 19:16:16 GMT
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But it causes BSODs in 64-bit Windows 10.
The VM I use depends on the OS. Running Windows 10 in DOSBox will not work, as will running

DOS in VMWare ESXi. You have to get the right product.
There's no one-size-fits-all approach

Subject: Re: How do you run DOS programs?
Posted by tienkhoanguyen on Tue, 05 Jan 2016 20:10:15 GMT
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I use DOSBox 0.74 now a days. I gave away my MS-DOS 6.22 when I returned it "open-box" to BestBuy. Ouch that hurts however I'm lucky klkl (kool luck kool luck). So who ever bought that opened boxed that I bought brand new and had to return because I couldn't afford to keep it is having a good value. I do not know if it is still there since I returned it about two weeks ago. I could not return it knowing it is opened so I had to put my own softwares in it. Thank you God that I have people who return the favor! Borland gave away Borland Turbo C 2.01 when I registered with their sister website embarcadero. DOSBox 0.74 is free at the time I downloaded it so it mimics MS-DOS that I lost just enough to make what I needed to work in any modern system. So now I can program games for any modern system and people can play my videogames just by downloading DOSBox and my games that I leave on here. Thank you God also for making me two perfect parents that made me into a perfect game programmer for DOS. My dad Nguyen Binh Thuy is the harshest on me however I am disciplined now enough to focus and make it work. My mom Huong Thi Vu is also almost that harsh too however subtly she is just making me feel good so I don't feel the pain my dad put me through when I was young. I'm happy now thanks to Jesus Christ for the rest of my life and for the rest of forever and for the rest of eternity!!!!!!!!!!!!!

Subject: Re: How do you run DOS programs?
Posted by brightwood83 on Mon, 03 Apr 2023 20:15:37 GMT
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Now that I only have space for a single computer, a little Dell OptiPlex 3020 Micro running Windows 10 Pro, I run DOS virts in VirtualBox to play with my favorite DOS programs. Currently I have two small virts each with 4MB RAM and 720MB disk, one running MS-DOS 6.22 and the other running FreeDOS 1.3, both working quite nicely. I tried using Hyper-V but found the 1GB minimum disk size a waste of disk space. I've also played around with DOSbox, but found its emulation doesn't play well with certain programs like 1dir+ that make use of undocumented DOS interrupts.

Subject: Re: How do you run DOS programs?
Posted by carlos_felo on Sat, 08 Apr 2023 10:58:44 GMT
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I own a ThinkPad T20 and a Dell Latitude CPi A. Both of them used for DOS/Windows legacy software

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